



**ANCHOR ROD DETAIL**

### GENERAL NOTES

Signal heads, sign panels, and other attachments are shown for minimum design loading purposes only. Each signal head shall weigh 36 kg (80 lb) and have a projected area of 1.37 sq m (14.7 sq ft).

All dimensions are in millimeters (inches) unless otherwise shown.

MAST ARM LENGTH	BOLT CIRCLE	ANCHOR ROD SIZE
4.87 m thru 6.10 m (16' thru 20')	380 (15)	38 x 1.5 m (1.5 x 60)
6.71 m thru 9.14 m (22' thru 30')	450 (18)	38 x 1.5 m (1.5 x 60)
9.75 m thru 12.20 m (32' thru 40')	450 (18)	44 x 2.10 m (1.75 x 84)
12.80 m thru 16.80 m (42' thru 55')	535 (21)	44 x 2.10 m (1.75 x 84)

DATE	REVISIONS
1-1-04	Revised to show current loading requirements.
1-1-02	Renum. Standard 834006.

## STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS

**STANDARD 877006-01**

Illinois Department of Transportation	
APPROVED _____ January 1, 2004 ENGINEER OF OPERATIONS	ISSUED 1-1-02
APPROVED _____ January 1, 2004 Michael L. Hine ENGINEER OF DESIGN AND ENVIRONMENT	